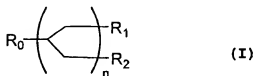
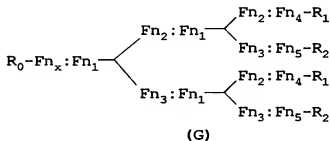


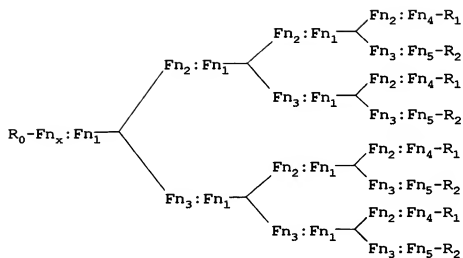
WHAT IS CLAIMED IS:

1. An amphiphilic compound having a dendritic branch structure having general formula (I):

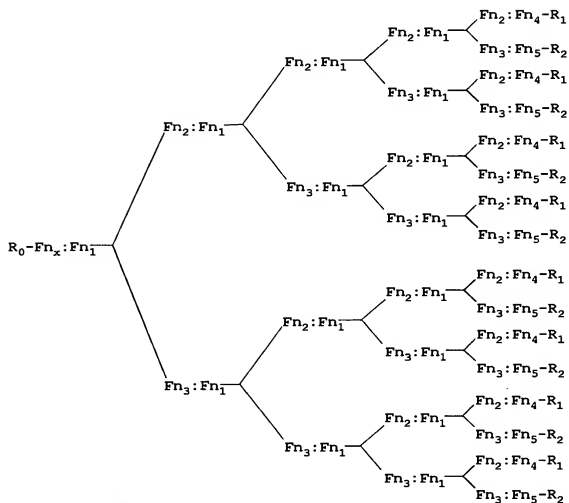


which is selected from the group consisting of an amphiphilic compound having a dendritic branch structure represented by the following formula (G), an amphiphilic compound having a dendritic branch structure represented by the following formula (H), and an amphiphilic compound having a dendritic branch structure represented by the following formula (J):





(H)



(J)

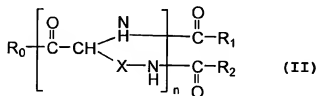
where Fn_x , Fn_1 , Fn_2 , Fn_3 , Fn_4 and Fn_5 respectively represents a functional reactive group, each of which is bonded to a neighboring functional reactive group; R_0 is a hydrophilic group; R_1 and R_2 are independently a hydrophobic group; and n is an integer of 2 to 4.

2. The amphiphilic compound according to claim 1, wherein said functional reactive group is bonded through amide bond or ester bond.

3. The amphiphilic compound according to claim 1, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

4. The amphiphilic compound according to claim 2, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

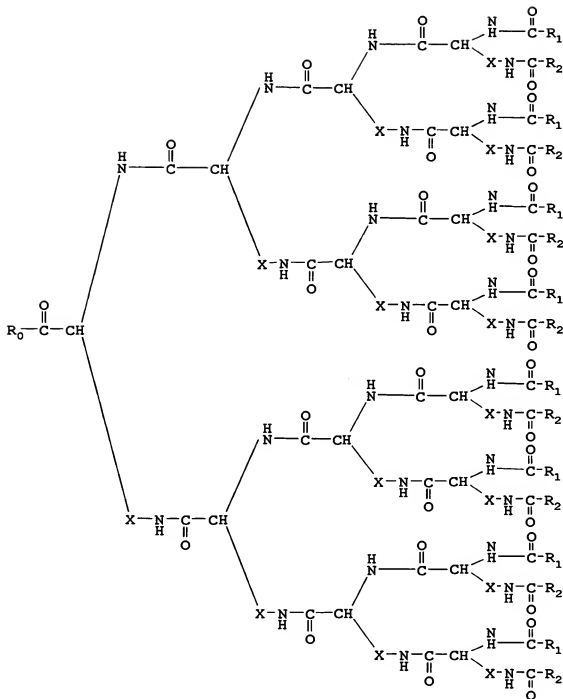
5. An amphiphilic compound having a dendritic branch structure having general formula (II):



which is selected from the group consisting of an amphiphilic compound having a dendritic branch structure represented by the following formula (II-1), an amphiphilic compound having a dendritic branch structure represented by the following formula (II-2), an amphiphilic compound having a dendritic branch

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(II-4)

where R_0 is a hydrophilic group; X is $-(CH_2)_4-$ or $-(CH_2)_p-CO-$ (wherein p is 1 or 2); R_1 and R_2 are independently a hydrophobic group; and n is an integer of 1 to 4.

6. The amphiphilic compound according to claim 5, wherein said compound is represented by said formula (II-2), said formula (II-3) or said formula (II-4).

7. The amphiphilic compound according to claim 5, wherein each of said R_1 and R_2 is independently an alkyl group.

8. The amphiphilic compound according to claim 7, wherein said alkyl group contains 1 to 30 carbon atoms.

9. The amphiphilic compound according to claim 6, wherein each of said R_1 and R_2 is independently an alkyl group.

10. The amphiphilic compound according to claim 9, wherein said alkyl group contains 1 to 30 carbon atoms.

11. The amphiphilic compound according to claim 5, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

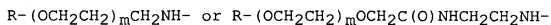
12. The amphiphilic compound according to claim 6, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

13. The amphiphilic compound according to claim 5, wherein said R_0 is represented by a formula:

$R-(OCH_2CH_2)_mCH_2NH-$ or $R-(OCH_2CH_2)_mOCH_2C(O)NHCH_2CH_2NH-$

where R is $H-$, CH_3- , $CH_3C(O)-$, $HOOCCH_2-$, $H_2NCH_2CH_2NHC(O)CH_2-$, or poly- or oligo-peptides; and m is an integer of 1 to 3000.

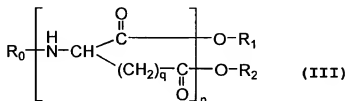
14. The amphiphilic compound according to claim 6, wherein said R_0 is represented by a formula:



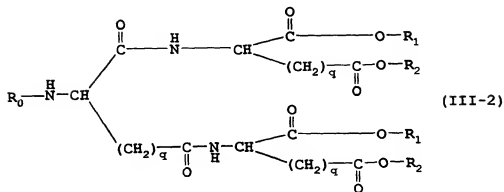
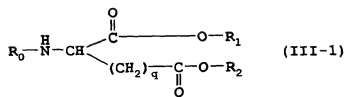
where R is H-, CH_3 -, $CH_3C(O)$ -, $HOOCCH_2$ -,

5 $H_2NCH_2CH_2NHC(O)CH_2$ - or poly- or oligo-peptides; and m is an integer of 1 to 3000.

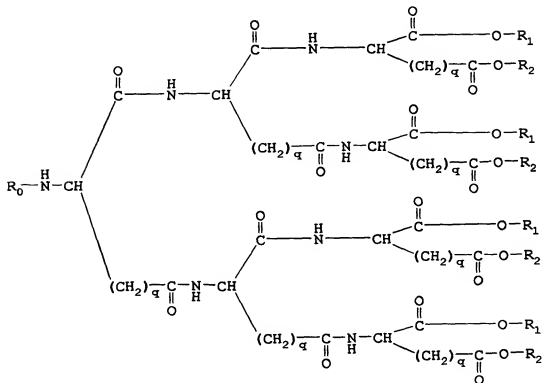
15. An amphiphilic compound having a dendritic branch structure having following general formula (III):



which is selected from the group consisting of an amphiphilic compound having a dendritic branch structure represented by the following formula (III-1),
 15 an amphiphilic compound having a dendritic branch structure represented by the following formula (III-2),
 an amphiphilic compound having a dendritic branch structure represented by the following formula (III-3),
 and an amphiphilic compound having a dendritic branch
 20 structure represented by the following formula (III-4):



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(III-3)

10083335.022702



5 16. The amphiphilic compound according to
claim 15, wherein said compound is represented by said
formula (III-2), said formula (III-3) or said formula
(III-4).

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18. The amphiphilic compound according to claim 17, wherein said alkyl group contains 1 to 30 carbon atoms.

19. The amphiphilic compound according to claim 16, wherein each of said R_1 and R_2 is independently an alkyl group.

20. The amphiphilic compound according to claim 19, wherein said alkyl group contains 1 to 30 carbon atoms.

21. The amphiphilic compound according to claim 15, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

22. The amphiphilic compound according to claim 16, wherein said R_0 is poly- or oligo-oxyethylene derivative, poly- or oligo-saccharide derivative, or poly- or oligo-peptide.

23. The amphiphilic compound according to claim 15, wherein said R_0 is represented by a formula:
 $R-(OCH_2CH_2)_mCH_2NH-$ or $R-(OCH_2CH_2)_mOCH_2C(O)NHCH_2CH_2NH-$
(wherein R is $H-$, CH_3- , $CH_3C(O)-$, $HOOCCH_2-$, $H_2NCH_2CH_2NHC(O)CH_2-$ or poly- or oligo-peptides; and m is an integer of 1 to 3000.

24. The amphiphilic compound according to claim 16, wherein said R_0 is represented by a formula:
 $R-(OCH_2CH_2)_mCH_2NH-$ or $R-(OCH_2CH_2)_mOCH_2C(O)NHCH_2CH_2NH-$
wherein R is $H-$, CH_3- , $CH_3C(O)-$, $HOOCCH_2-$,

$\text{H}_2\text{NCH}_2\text{CH}_2\text{NHC(O)CH}_2\text{-}$ or poly- or oligo-peptides; and m is an integer of 1 to 3000.